

Sheet 1 of 2 (Figure 1)
 "SIMULTANEOUS REDUCTION IN NOX AND CARBON IN
 ASH FROM USING MANGANESE IN COAL BURNERS"
 Filed: July 21, 2003 Inventors: Stephen A. Factor et al.
 Serial No.: Not yet assigned Examiner: Not yet assigned
 Attorney Docket No.: EP-7597 Phone: 804-788-5516

NOX EVOLUTION (GB2003 from day 19 to day 30)

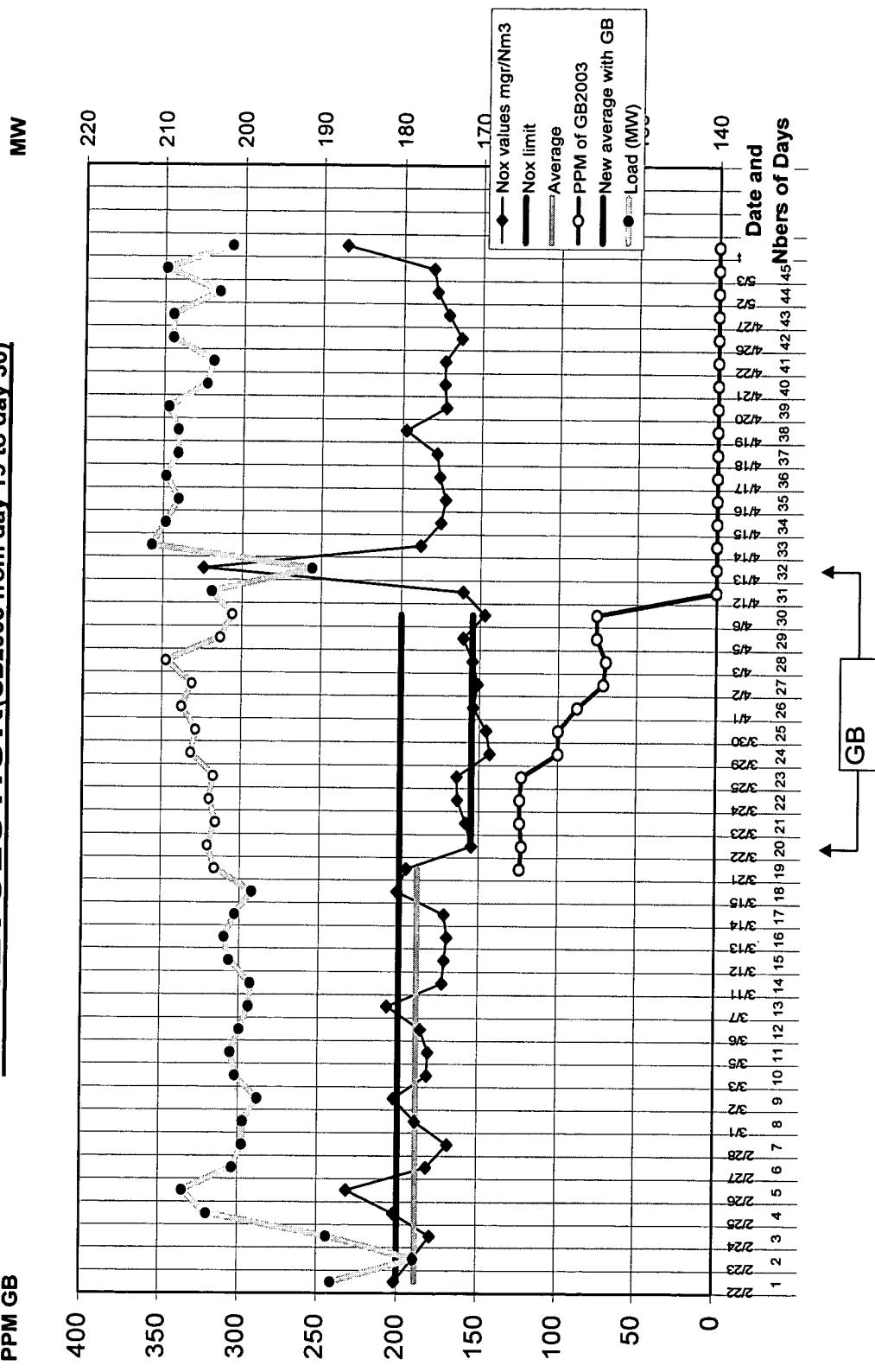


Figure 1

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	NOx, # / MM Btu	Fly Ash C content %	Flue Gas CO content Ppm	Heat Rate Btu / kW
Average with GB ¹	0.125	12.0	8.5	10,004
Average without GB	0.151	23.2	12.2	10,074
Average Reduction	17%	48%	30%	0.7%

Figure 2

¹GB = Greenburn® 2001HF Combustion Catalyst